

LIST OF CURRENT CLAIMS

1. (Currently Amended) A method for effecting a secure electronic transaction on a terminal using a portable data carrier, whereby a user authenticates himself vis-à-vis the portable data carrier, the portable data carrier confirms the proof of authentication to the terminal, and the portable data carrier then performs a security-establishing operation within the electronic transaction, comprising locating via ~~characterized in that~~ the portable data carrier (20) ~~creates~~ quality information about how the authentication of the user (30) was done and attaching said quality information ~~is attached~~ to the result of the security-establishing operation.
2. (Currently Amended) [[A]] The method according to claim 1, wherein ~~characterized in that~~ the security-establishing operation performed by the portable data carrier (20) ~~consists in~~ comprises creating a digital signature.
3. (Currently Amended) [[A]] The method according to claim 1, wherein ~~characterized in that~~ the authentication of the user (30) is performed by presentation of a biometric feature.
4. (Currently Amended) [[A]] The method according to claim 3, wherein ~~characterized in that~~ the authentication of the user (30) is performed by presentation of a physiological or behavior-based feature characteristic of a user (30).
5. (Currently Amended) [[A]] The method according to claim 1, wherein ~~characterized in that~~ the authentication of the user (30) is performed by proof of knowledge of a secret.
6. (Currently Amended) [[A]] The method according to claim 1, wherein ~~characterized in that~~ at least two different authentication methods of different quality are offered for authentication of the user (30).
7. (Currently Amended) [[A]] The method according to claim 6, wherein

~~characterized in that~~ the particular authentication methods not used are disabled.

8. (Currently Amended) ~~[[A]]~~ The method according to claim 6, wherein
~~characterized in that~~ no quality information is produced for an authentication method.

9. (Currently Amended) ~~[[A]]~~ The method according to claim 1, wherein
~~characterized in that~~ a user (30) is asked to select an authentication method.

10. (Currently Amended) A portable data carrier for performing a security-establishing operation within a secure electronic transaction, whereby a user authenticates himself vis-à-vis the portable data carrier and the portable data carrier confirms the authentication to a terminal, ~~characterized in that it is set up comprising~~
setting up the data carrier to create quality information stating how the authentication of the user (30) was performed.

11. (Currently Amended) ~~[[A]]~~ The data carrier according to claim 10, wherein
~~characterized in that~~ the portable data carrier (20) is set up to create a digital signature.

12. (Currently Amended) ~~[[A]]~~ The data carrier according to claim 10, wherein the
data carrier ~~characterized in that~~ it supports at least two qualitatively different authentication methods.

13. (Currently Amended) A terminal for use in connection with a portable data carrier according to claim 9, said terminal including a device arranged to cause ~~characterized in that it has means (16, 18) for causing~~ a user (30) to select one of at least two possible authentication methods

14. (Original) A system for effecting a secure electronic transaction within which the quality of authentication of a user vis-à-vis the system is ascertained, comprising a portable data carrier according to claim 10 and a terminal according to claim 13.